Certificate of Electronic Filing Under 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with 37 CFR 1.6(a)(4):

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on December 12, 2008
Date

Signature
Signature
Sheryl Hammer
Typed or printed name of person signing Certificate

typed or printed name of person signing Certificate
(734) 913-9300

Registration Number, If applicable Telephone Number

Note: Each paper must have its own certificate of mailing.

Issue Fee Transmittal Fee Transmittal

PART B -FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax. (573) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE of required, Blocks I through 5 should be completed where appropriate.
All further correspondence including the Patent, advance orders and notification of minintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise. In Block I, by (a) specifying a new correspondence address, undow (b) indicating a separate EADDRESS' for maintenance fee.

Note: A certificate of mailing on nor only be used for domastic mailings of the first pay change of akkees) Note: The control of the control	notifications.	OHICIWISE III DIOCK 1,	by (a) specifyin	g a new con	espunuence a	uurcss; anurut	(n) mulcating a separate ri	SE ADDRESS for maintenance fee				
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/539,180 March 30, 2006 Blas Cerda NEN-23002/16 2257 TITLE OF INVENTION: SIMULTANEOUS DETECTION OF METABOLIC ENZYME ACTIVITY AND METABOLITE LEVELS APPLIN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE Patent no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 S300.00 S1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 December 15, 2008 EXAMINER NO STANDARD RESIDENCE OF CONSIDERATION OF THE ACTION OF THE	CURRENT CORRESPONDENCE ADDRESS (None: Use Block I for any change of address)						Freq3) Trussmittal. This certificate cannio be used for any other accompanying papers. Each additional paper, such as an assignment of formal drawing, must have its own certificate of mailing or trussmission. Certificate of mailing or trussmission. Certificate of mailing or trussmission. I bereby certify that this Fee(s) Trussmist is being deposited with the United States Fostal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being finstimile trunsmitted to the USFTQ C57) 1277–12885, on the data indicated below.					
December 12, 2008 Chole Total Part First Named in Nebra December 12, 2008 Chole Total Part Document December 12, 2008 December 13, 2008 December 14, 2008 December 14, 2008 December 15, 2008 December					Sheryi Hallines							
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10393, 180 March 30, 2006 Blas Cerda NEX-23002/16 2257 TITLE OF INVENTION: SIMULTANEOUS DETECTION OF METABOLIC ENZYME ACTIVITY AND METABOLITE LEVELS APPLATYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE DATE DUE DATE DUE SANGUER ACTIVITY CASS-SUBCLASS P. C. Martin 1657 435-027 I. Change of correspondence address or indication of Fee Address '17 Cert printing on the putent front page, list (1) the names of of up to 3 registered patent at Citkowski, P.C. (2) the name of a single firm (baving as a member of the proposition of the Citkowski, P.C. (2) the name of a single firm (baving as a member of up to 2 registered patent at thorneys or agents OR, laternarively, (2) the name of a single firm (baving as a member of up to 2 registered patent at thorneys or agents OR, laternarively, (2) the names of a single firm (baving as a member of up to 2 registered patent at thorneys or agents. (7) and the printed. To Address' indication for Fee Address' indication of Fee Address' indication					Danier	h 12 2000						
10/39,180 March 30, 2006 Blas Cerda NEN-23002/16 2257 TITLE OF INVENTION: SIMULTANEOUS DETECTION OF METABOLIC ENZYME ACTIVITY AND METABOLITE LEVELS APPLAL TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE Patent no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER NO THE SET OF THE S	ADDI ICATION NO	EII ING DATE		EIDST NAM	ED INVENT							
APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE Patent no \$1,310.00 \$300.00 \$1,810.00 December 15,2008 EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin 1657 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.365). Correspondence address for indication of "Fee Address" (10) the names of up to 3 registered patent of Citicowski, P.C. The Address (100 the name of a single firm (baving as a member of Citicowski, P.C. The Address indication of "Fee Address" (10) the name of a single firm (baving as a member of Citicowski, P.C. The Address indication of "Fee Address" (10) the names of up to 3 registered patent of Citicowski, P.C. The Address indication of "Fee Address" (10) the name of a single firm (baving as a member of Citicowski, P.C. The Address indication of "Fee Address" (10) the name of a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Director of the patent if an assignment is a single firm (baving as a member of Citicowski, P.C. The Director of the Address indication of the Address on a single firm (baving as a member of Citicowski, P.C. The Director of the USPTO is requested to apply the base Fee and Publication Fee (if any) or to re-apply any previously paid issue fec to the application in dentified above. The Indication of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the absignment of the pr												
Patent no \$1,510.00 \$300.00 \$1,810.00 December 15, 2008 EXAMINER ARTUNIT CLASS-SUBCLASS P. C. Martin 1657 435-027 1. Change of correspondence address or indication of Fee Address' 176 FFR 1.363. Change of correspondence address or indication of Fee Address' 167 FFR 1.363. Change of correspondence address (or Change of Correspondence Address) (or Change of Correspondence Address (or Change of Correspondence Address) (or Change of Change of Correspondence Address) (or Change of C												
EXAMINER ART UNIT CLASS-SUBCLASS P. C. Martin 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Correspondence address of indication of "Fee Address" (37 CFR 1.363). Correspondence address for Change of Change of correspondence address for Change of Correspondence Address from PTO/SBI/12) attached. The Address' indication for "Fee Address' Indication of places or agents OR, lateral and the names of up to 2 registered patent atterneys or agents OR, lateral and the names of up to 2 registered patent atterneys or agents. (If an anness of up to 2 registered patent atterneys or agents. (If an anness is listed, no name with the printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE PerkinElmer LAS, Inc. Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts 4b. Payment of Fec(s): A check in the amount of the fee(s) is enclosed. The Director ## of Copies Advance Order ## of Copies Advance Order ## of Copies The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fec to the application identified above. OTHER has been and Publication fee (if register) with one be accepted from your observed atterneys or agent of the assignee or other party in names and provided above. Authorized Signature Date December 12, 2008	APPLN. TYPE	APPLN. TYPE SMALL ENTITY ISS		FEE	PUBLICA	TION FEE	TOTAL FEE(S) DUE	DATE DUE				
P. C. Martin 1657 435-027 Change of correspondence address or indication of "Fee Address" (7F R 1.65). Change of correspondence address (or Change of Correspondence address (or Change of Correspondence Address (or Change of Correspondence Address) (7F R 1.65). The Address" indication (or "Fee Address" Indication (correspondence Address from PTCNSB1/122) attached. (2). The aname of a single firm (awing as a member a registered patient alternative or agent and the names of upon the correspondence Address from PTCNSB1/122) attached. (2). The aname of a single firm (awing as a member a registered patient alternative or agent and the names of upon the correspondence Address from PTCNSB1/122) attached. (2). The aname of a single firm (awing as a member a registered patient alternative or agent and the names of upon the correspondence Address of the Correspondence A	Patent	Patent no \$1,51		0.00	S300.00		\$1,810,00	December 15, 2008				
Change of correspondence address or indication of "Fee Address" (GT CFR 1.55).	EXAMINER ART						J					
Address (37 CFR 1,363). Change of correspondence address (or Change of Correspondence address (or Change of Correspondence Address from FTC/SB/12) attached. Free Address from FTC/SB/12) attached. Free Address from FTC/SB/12) attached. Uses of a Castemer Number is required. Use of a Castemer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE Unless an assigne is identified below, no assigned state will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE PerkinDimer LAS, Inc. Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts Waltham, Massachusetts Acheck in the amount of the feet(s) is enclosed. A check in the amount of the feet(s) is enclosed. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Acecunt Number OT.1180 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) S. Change in Entity Status (from status indicated above) A publication fee (see and Publication Fee (if any) or to re-apply any previously paid issue fec to the application identified above. NOTE: The base Fee and Publication fee (if reprired) will not be accepted from publication fee (if any) or to re-apply any previously paid issue fec to the application identified above. Authorized Signature Date December 12, 2008			-									
PLEASE NOTE: Unless an assignee is identified below, no assignee date will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) Personal Residence of the patent of the paten	Address" (37 CFR 1.363) Change of correctordence American Transfer Pro/SB/47;	r Change of 22) attached. ss" Indication ent) attached.	(1) the names of up to 3 registered patient attorneys or agents OR, alternatively, (2) the name of a single firm (tawing as a member a registered attorney or agent) and the names of up to 2 registered patient thereoe or agent. If no a									
for recordation as sat forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filting an assignment. (A) NAME OF ASSIGNEE PerkinElmer LAS, Inc. Please clock the appropriate assignee category or categories (will not be printed on the patent): Individual				TED ON TH	E PATENT	print or type)						
Please check the appropriate assignee category or categories (will not be primed on the patent): Individual X Corporation or other private group entity Government 4a. The following fac(s) are enclosed: 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. A check in the amount of the fee(s) is enclosed. A divance Order # of Copies The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 7. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. The Director of the USPTO is requested to apply the Issue Pea and Publication Fee (if rays) or or re-apply any previously paid issue fee to the application identified above. NOTE: The Issue fee and Publication fee (if required) into the accepted from gaydue other than the applicant: a registered atterney or agent; or the assignee or other party in increast as shown by the records of the United Statesprinepfund Trajonnars Differ	for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.											
4a. The following fac(s) are enclosed: X Issue Fee	PerkinElmer LAS, Inc. Waltham, Massachusetts											
X Issue Fee												
Payment by credit card. Payment by credi		re enclosed:			-							
Advance Order # of Copies X The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 07.1180 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) 6. Change in Entity Status (from status indicated above) 7. Change in E	X Issue Fee			A che	ck in the am	ount of the feet	s) is enclosed.					
Deposit Account Number 07-1180 (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Pee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required_lowill not be accepted from applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States/Facep/and Trajopants Diffee. Authorized Signature Date December 12, 2008	X Publication Fee (I	No small entity discoun	t permitted)	x Paym	ent by credit	card.						
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Pea and Publication Fee (if any) or no re-apply any previously paid issue fee to the application identified above. NOTE: The Issue fee and Publication Fee (if required, but not be accepted from gardine other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United Statespring and Trajonart, Differ Authorized Signature Date December 12, 2008												
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required will not be accepted from appliane other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United Statesy's acaptant Taylorants (Differ. Authorized Signature Date December 12, 2008	5. Change in Entity Sta	tus (from status indicate	ed above)									
NOTE: The Issue Fee and Publication Fee (if required Javill not be accepted from applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States of the Authorized Stignature Authorized Signature Date December 12, 2008				_		_						
1100	NOTE: The Issue Fee and P	ublication Fee (if require	d) will not be at	cepted from	(if any) or to apyone other i	re-apply any pr han the applica	eviously paid issue fee to the nt; a registered attorney or ag	application identified above. gent; or the assignee or other party in				
Typed or printed name	Authorized Signature		u fl	///			Date	December 12, 2008				
	Typed or printed nam	ie	Julie &	Staple			Registration No.	50,434				

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of Information unless it displays a valid OMB control												
Effective on 12/08		Complete if Known										
Fees pursuant to the Consolidated Approp			-	10/539,180-Conf. #2257								
FEE TRANS	MITTAL	Filing Date		March 30, 2006								
For FY 20	009	First Named Inventor		Blas Cerda								
		Examiner Name		P. C. Martin								
Applicant claims small entity stat	us. See 37 CFR 1.27	Art Unit										
TOTAL AMOUNT OF PAYMENT	(s) 1,810.00	Attorney Docket No. NEN-23002/1			3							
METHOD OF PAYMENT (check all that apply)												
Check X Credit Card Money Order None Other (please identify):												
x Deposit Account Deposit Account Number: 07-1180 Deposit Account Name: Gillord, Krass, Spitckle, Andreson & Cillordsi, P.C.												
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)												
Charge fee(s) Indicated below Charge fee(s) Indicated below, except for the filling fee												
Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17												
FEE CALCULATION												
1. BASIC FILING, SEARCH, AND E	XAMINATION FEES											
FI		ARCH FEES	EXAMI	NATION FEES								
Application Type Fee (S	Small Entity Fee (S) Fee (Small Entity S) Fee (S)	Fee (S)	Small Entity Fee (S)	Fees F	Pald (\$)						
Utility 330	165 540		220	110								
Design 220	110 100	50	140	70								
Plant 220	110 330	165	170	85								
Reissue 330	165 540	270	650	325								
Provisional 220	110	0	0	0								
2. EXCESS CLAIM FEES Small Entity												
Fee Description Fee (S)												
Each claim over 20 (including Reiss					52	26						
Each independent claim over 3 (incl	uding Reissues)				220	110						
Multiple dependent claims					390	195						
Total Claims Extra Claim - 39 or HP	s Fee (\$)	e Paid (\$) Multiple Depen										
HP = highest number of total claims paid for	X =		Fe	ee (\$)	ee Pald (S	i)						
Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)												
2 -6 or HP = x =												
HP = highest number of independent claims paid for, if greater than 3,												
3. APPLICATION SIZE FEE												
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer												
listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).												
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (S) Fee Paid (S)												
-100 = /50 = (round up to a whole number) x =												
4. OTHER FEE(S) Fees Paid (S)												
Non-English Specification, \$130 fee (no small entity discount) Other (no. 1818 filtre graphyman), 1501 Utility Issue fee 1,510,00												
Other (e.g., late filing surcharge): 1501 Utility Issue fee 1,504 Publication fee for early, voluntary, or normal 300,00												
SUBMITTED BY	1 1///											
Signature // /	1///	Registration No. (Attorney/Agent)	50,434	Telephone	(734) 91	3-9300						
Name (Print/Type) Julie K. Staple		T (constructive Ment)		Date D	ecember	12, 2008						
						-						